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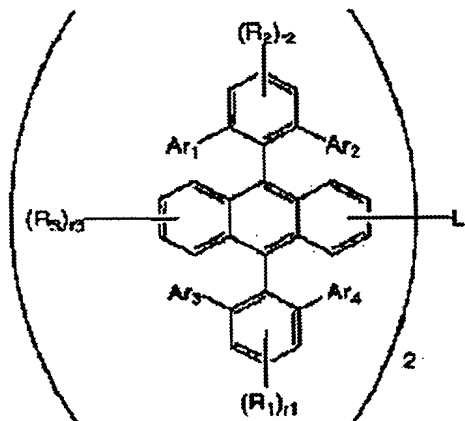
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(54) COMPOUND FOR ORGANIC ELECTROLUMINESCENT ELEMENT AND ORGANIC ELECTROLUMINESCENT ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a compound useful as an optical and electronic functional material having small physical, photochemical and electrochemical changes, capable of obtaining an organic electroluminescent element having high reliability and luminous efficacy and various luminescent colors. SOLUTION: This compound is a derivative of phenyl anthracene expressed by formula: A1-L-A2 [A1 and A2 are each a mono (ortho-substituted phenyl) anthryl or di(ortho-substituted phenyl)anthryl; L is a single bond or a divalent bonding group], preferably, a compound expressed by formula (Ar1-Ar4 are each H, aryl, a heterocyclic aryl or the like; R1 and R2 are each an alkyl, aryl, aryl ether or the like; r1 and r2 are each 0 or 1-3; R3 is an alkyl or aryl; r3 is 0 or 1-3; L1 is a single bond, arylene or the like). The abovementioned compound is obtained by coupling, etc., a halogenated aryl anthracene compound with Ni(cod)2 (cod is 1,5-cyclooctadiene).



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